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NEWS	1		Web Page URLs for STN Seminar Schedule - N. America
NEWS	2		"Ask CAS" for self-help around the clock
NEWS	3	OCT 23	The Derwent World Patents Index suite of databases on STN has been enhanced and reloaded
NEWS	4	OCT 30	CHEMLIST enhanced with new search and display field
NEWS	5	NOV 03	JAPIO enhanced with IPC 8 features and functionality
NEWS	6	NOV 10	CA/CAPLUS F-Term thesaurus enhanced
NEWS	7	NOV 10	STN Express with Discover! free maintenance release Version 8.01c now available
NEWS	8	NOV 20	CA/CAPLUS to MARPAT accession number crossover limit increased to 50,000
NEWS	9	DEC 01	CAS REGISTRY updated with new ambiguity codes
NEWS	10	DEC 11	CAS REGISTRY chemical nomenclature enhanced
NEWS	11	DEC 14	WPIDS/WPINDEX/WPIX manual codes updated
NEWS	12	DEC 14	GBFULL and FRFULL enhanced with IPC 8 features and functionality
NEWS	13	DEC 18	CA/CAPLUS pre-1967 chemical substance index entries enhanced with preparation role
NEWS	14	DEC 18	CA/CAPLUS patent kind codes updated
NEWS	15	DEC 18	MARPAT to CA/CAPLUS accession number crossover limit increased to 50,000
NEWS	16	DEC 18	MEDLINE updated in preparation for 2007 reload
NEWS	17	DEC 27	CA/CAPLUS enhanced with more pre-1907 records
NEWS	18	JAN 08	CHEMLIST enhanced with New Zealand Inventory of Chemicals
NEWS	19	JAN 16	CA/CAPLUS Company Name Thesaurus enhanced and reloaded
NEWS	20	JAN 16	IPC version 2007.01 thesaurus available on STN
NEWS	21	JAN 16	WPIDS/WPINDEX/WPIX enhanced with IPC 8 reclassification data
NEWS	22	JAN 22	CA/CAPLUS updated with revised CAS roles
NEWS	23	JAN 22	CA/CAPLUS enhanced with patent applications from India
NEWS	24	JAN 29	PHAR reloaded with new search and display fields
NEWS	25	JAN 29	CAS Registry Number crossover limit increased to 300,000 in multiple databases
NEWS EXPRESS			NOVEMBER 10 CURRENT WINDOWS VERSION IS V8.01c, CURRENT MACINTOSH VERSION IS V6.0c(ENG) AND V6.0Jc(JP), AND CURRENT DISCOVER FILE IS DATED 25 SEPTEMBER 2006.
NEWS HOURS			STN Operating Hours Plus Help Desk Availability
NEWS LOGIN			Welcome Banner and News Items
NEWS IPC8			For general information regarding STN implementation of IPC 8
NEWS X25			X.25 communication option no longer available

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* * * * * STN Columbus * * * * *

FILE 'HOME' ENTERED AT 09:49:01 ON 01 FEB 2007

=> FIL CAPLUS

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SESSION

FULL ESTIMATED COST

0.21

0.21

FILE 'CAPLUS' ENTERED AT 09:49:14 ON 01 FEB 2007

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FILE LAST UPDATED: 31 Jan 2007 (20070131/ED)

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<http://www.cas.org/infopolicy.html>

=> s boronic acid conjugate

7052 BORONIC

4306688 ACID

1566847 ACIDS

4807525 ACID

(ACID OR ACIDS)

67585 CONJUGATE

60617 CONJUGATES

105065 CONJUGATE

(CONJUGATE OR CONJUGATES)

L1 21 BORONIC ACID CONJUGATE

(BORONIC(W)ACID(W)CONJUGATE)

=> s l1 and (isotope or radio? or label)

230309 ISOTOPE

106517 ISOTOPES

277517 ISOTOPE

(ISOTOPE OR ISOTOPES)

649462 RADIO?

63380 LABEL

22031 LABELS

76219 LABEL

(LABEL OR LABELS)

L2 2 L1 AND (ISOTOPE OR RADIO? OR LABEL)

=> d l2 ibib abs hitstr tot

L2 ANSWER 1 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1993:61528 CAPLUS
DOCUMENT NUMBER: 118:61528
TITLE: Labeling agents comprising boronic acid conjugates, their preparation and use in blood analysis
INVENTOR(S): Frantzen, Frank; Sundrehagen, Erling
PATENT ASSIGNEE(S): Cockbain, Julian Roderick Michaelson, UK; Axis Research A/S
SOURCE: PCT Int. Appl., 30 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9208722	A1	19920529	WO 1991-EP2160	19911113
W: AT, AU, BB, BG, BR, CA, CH, CS, DE, DK, ES, FI, GB, HU, JP, KP, KR, LK, LU, MC, MG, MN, MW, NL, NO, PL, RO, SD, SE, SU, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
CA 2096251	A1	19920515	CA 1991-2096251	19911113
CA 2096251	C	19990817		
AU 9189092	A	19920611	AU 1991-89092	19911113
AU 666294	B2	19960208		
EP 557357	A1	19930901	EP 1991-920019	19911113
EP 557357	B1	19950322		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
HU 64353	A2	19931228	HU 1993-1408	19911113
HU 216635	B	19990728		
JP 06502170	T	19940310	JP 1991-518099	19911113
JP 2761494	B2	19980604		
AT 120195	T	19950415	AT 1991-920019	19911113
ES 2069914	T3	19950516	ES 1991-920019	19911113
RU 2076127	C1	19970327	RU 1993-43620	19911113
PL 176747	B1	19990730	PL 1991-299064	19911113
FI 105549	B1	20000915	FI 1993-2149	19930512
NO 9301746	A	19930713	NO 1993-1746	19930513
NO 304691	B1	19990201		
US 5739318	A	19980414	US 1993-50275	19930712
PRIORITY APPLN. INFO.:			GB 1990-24775	A 19901114
			WO 1991-EP2160	A 19911113

OTHER SOURCE(S): MARPAT 118:61528

AB Nonproteinaceous boronic acid conjugates, useful in estimation of cis-diols in blood, comprise chromophores linked via an organic group to B(OH)₂ [or B(OH)₃]. Thus, xylene cyanole was converted to the sulfonyl chloride with POCl₃ and condensed with 3-H₂NC₆H₄B(OH)₂ to give a conjugate, λ_{max} 619 nm (ϵ >70,000).

L2 ANSWER 2 OF 2 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1992:527805 CAPLUS
DOCUMENT NUMBER: 117:127805
TITLE: Assay for glycated blood proteins
INVENTOR(S): Sundrehagen, Erling; Frantzen, Frank
PATENT ASSIGNEE(S): Cockbain, Julian Roderick Michaelson, UK; Axis Research A/S
SOURCE: PCT Int. Appl., 56 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 9208984	A1	19920529	WO 1991-EP2163	19911113
W: AU, BB, BG, BR, CA, CS, FI, HU, JP, KP, KR, LK, MC, MG, MN, MW, NO, PL, RO, SD, SU, US				
RW: AT, BE, BF, BJ, CF, CG, CH, CI, CM, DE, DK, ES, FR, GA, GB, GN, GR, IT, LU, ML, MR, NL, SE, SN, TD, TG				
CA 2096250	A1	19920515	CA 1991-2096250	19911113
CA 2096250	C	20020924		
AU 9188662	A	19920611	AU 1991-88662	19911113
EP 557350	A1	19930901	EP 1991-919886	19911113
EP 557350	B1	19941005		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
JP 06502244	T	19940310	JP 1991-517991	19911113
JP 2643027	B2	19970820		
ES 2061273	T3	19941201	ES 1991-919886	19911113
FI 104519	B1	20000215	FI 1993-2150	19930512
NO 9301747	A	19930714	NO 1993-1747	19930513
NO 311385	B1	20011119		
US 5506144	A	19960409	US 1993-50274	19930712
US 5919708	A	19990706	US 1995-570569	19951211
PRIORITY APPLN. INFO.:			GB 1990-24771	A 19901114
			WO 1991-EP2163	A 19911113

AB A method for assessing a glycosylated blood protein in a sample comprises a) optionally hemolyzing the sample to liberate cell-bound glycosylated protein; b) separating the glycosylated blood protein from the sample; c) contacting the sample before or during or after separation of the glycosylated proteins with a first signal-forming agent capable of binding to the glycosylated protein but not to the corresponding nonglycosylated protein; d) optionally, contacting the sample before or during or after separation of the glycosylated and nonglycosylated proteins with a second signal-forming agent capable of binding to the glycosylated protein and to the corresponding nonglycosylated protein; and e) assessing the signal-forming agents which have bound to the separated proteins and/or which have not bound to the glycosylated protein or the corresponding nonglycosylated protein; with the proviso that where the glycosylated protein comprises glycosylated Hb the first signal forming agent is a chromophore-labeled boronic acid or salt thereof having an absorption maximum >600 nm. In this method, the glycosylated protein which is labeled by the first signal-forming agent may be any one, or indeed any set, of the blood proteins. By appropriate selection of the proteins under assay, an indication may be obtained of the history of the patient's blood glucose control over the short, medium, and long (≤ 3 mo) term. Reagent preparation is described, and an apparatus for performing the method as claimed. A method is described to determine glycosylated albumin in whole blood using 2 dyes (a phenoxazine-boronic acid conjugate and Cr(III)-tetracarboxyphenylporphyrin) and rivanol precipitation (no data). Determination of glycosylated Hb and glycosylated serum proteins is also described.

=> s isotope and boronic
230309 ISOTOPE
106517 ISOTOPES
277517 ISOTOPE
(ISOTOPE OR ISOTOPES)
7052 BORONIC
L3 22 ISOTOPE AND BORONIC

=> s l3 and tag

25787 TAG
9904 TAGS
30283 TAG

(TAG OR TAGS)

L4 1 L3 AND TAG

=> d 14 ibib abs hitstr tot

L4 ANSWER 1 OF 1 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 2003:76890 CAPLUS

DOCUMENT NUMBER: 138:119612

TITLE: Non-affinity based isotope tagged peptides
and methods for using the same

INVENTOR(S): Gygi, Steven P.; Gerber, Scott Anthony; Gartner,
Carlos Augusto

PATENT ASSIGNEE(S): President and Fellows of Harvard College, USA

SOURCE: PCT Int. Appl., 49 pp.

CODEN: PIXXD2

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003008547	A2	20030130	WO 2002-US22598	20020716
WO 2003008547	A3	20031204		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002322506	A1	20030303	AU 2002-322506	20020716
EP 1456227	A2	20040915	EP 2002-756500	20020716
EP 1456227	B1	20051005		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
AT 305938	T	20051015	AT 2002-756500	20020716
US 2004235186	A1	20041125	US 2004-760121	20040116
PRIORITY APPLN. INFO.:			US 2001-305808P	P 20010716
			WO 2002-US22598	W 20020716

OTHER SOURCE(S): MARPAT 138:119612

AB The invention provides non-affinity based isotope tagged peptides, chemistries for making these peptides, and methods for using these peptides. In one aspect, tags comprise a reactive site (RS) for reacting with a mol. on a protein to form a stable association with the peptide (e.g., a covalent bond) and an anchoring site (AS) group for reversibly or removably anchoring the tag to a solid phase such as a resin support. Anchoring may be direct or indirect (e.g., through a linker mol.). Preferably, the tag comprises a mass-altering label, such as a stable isotope, such that association of the tag with the peptide can be monitored by mass spectrometry. The reagents can be used for rapid and quant. anal. of proteins or protein function in mixts. of proteins.

=> s 13 and protein
1962185 PROTEIN

1375624 PROTEINS
2286923 PROTEIN
(PROTEIN OR PROTEINS)

L5 3 L3 AND PROTEIN

=> d l5 ibib abs hitstr tot

L5 ANSWER 1 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2003:76890 CAPLUS
DOCUMENT NUMBER: 138:119612
TITLE: Non-affinity based isotope tagged peptides
and methods for using the same
INVENTOR(S): Gygi, Steven P.; Gerber, Scott Anthony; Gartner,
Carlos Augusto
PATENT ASSIGNEE(S): President and Fellows of Harvard College, USA
SOURCE: PCT Int. Appl., 49 pp.
CODEN: PIXXD2
DOCUMENT TYPE: Patent
LANGUAGE: English
FAMILY ACC. NUM. COUNT: 1
PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
WO 2003008547	A2	20030130	WO 2002-US22598	20020716
WO 2003008547	A3	20031204		
W:	AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, OM, PH, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZM, ZW			
RW:	GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, SK, TR, BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG			
AU 2002322506	A1	20030303	AU 2002-322506	20020716
EP 1456227	A2	20040915	EP 2002-756500	20020716
EP 1456227	B1	20051005		
R:	AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL, TR, BG, CZ, EE, SK			
AT 305938	T	20051015	AT 2002-756500	20020716
US 2004235186	A1	20041125	US 2004-760121	20040116
PRIORITY APPLN. INFO.:			US 2001-305808P	P 20010716
			WO 2002-US22598	W 20020716

OTHER SOURCE(S): MARPAT 138:119612

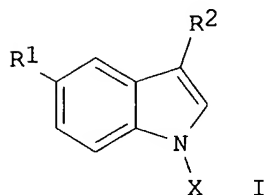
AB The invention provides non-affinity based isotope tagged peptides, chemistries for making these peptides, and methods for using these peptides. In one aspect, tags comprise a reactive site (RS) for reacting with a mol. on a protein to form a stable association with the peptide (e.g., a covalent bond) and an anchoring site (AS) group for reversibly or removably anchoring the tag to a solid phase such as a resin support. Anchoring may be direct or indirect (e.g., through a linker mol.). Preferably, the tag comprises a mass-altering label, such as a stable isotope, such that association of the tag with the peptide can be monitored by mass spectrometry. The reagents can be used for rapid and quant. anal. of proteins or protein function in mixts. of proteins.

L5 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN
ACCESSION NUMBER: 2002:31913 CAPLUS
DOCUMENT NUMBER: 136:96024
TITLE: Novel anti-infectives

INVENTOR(S): Hardwicke, Mary Ann
 PATENT ASSIGNEE(S): USA
 SOURCE: U.S. Pat. Appl. Publ., 33 pp., Cont.-in-part of U.S. Ser. No. 437,683, abandoned.
 CODEN: USXXCO
 DOCUMENT TYPE: Patent
 LANGUAGE: English
 FAMILY ACC. NUM. COUNT: 2
 PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
US 2002004198	A1	20020110	US 2001-793231	20010226
US 2001007877	A1	20010712	US 1999-437683	19991110
PRIORITY APPLN. INFO.:			US 1998-112424P	P 19981216
			US 1998-112463P	P 19981216
			US 1998-112482P	P 19981216
			US 1998-112493P	P 19981216
			US 1998-112500P	P 19981216
			US 1999-140043P	P 19990618
			US 1999-437683	B2 19991110
			US 1998-112494P	P 19981216

OTHER SOURCE(S): MARPAT 136:96024
 GI



AB Novel anti-infectives and methods of using them are provided. Substituted indoles [I; R1 = aryl; R2 = alkyleneNHR (wherein R = H, C(NH)NH2); X = SO2R (R = alkyl, aryl)] which are useful in inhibiting a virus such as a herpesvirus, a betaherpesvirus, and a cytomegalovirus, were prepared and formulated. Also disclosed is a method to identify a compound that inhibits the interaction of a herpesvirus major capsid protein and a herpesvirus scaffolding protein or protease.

L5 ANSWER 3 OF 3 CAPLUS COPYRIGHT 2007 ACS on STN

ACCESSION NUMBER: 1992:527837 CAPLUS

DOCUMENT NUMBER: 117:127837

TITLE: Metal complexes of boronic acid adducts to dioxime ligands useful in labeling proteins and other amine-containing compounds

INVENTOR(S): Linder, Karen E.; Nunn, Adrian D.; Ramalingam, Kondareddiar

PATENT ASSIGNEE(S): E. R. Squibb and Sons, Inc., USA

SOURCE: Eur. Pat. Appl., 29 pp.

CODEN: EPXXDW

DOCUMENT TYPE: Patent

LANGUAGE: English

FAMILY ACC. NUM. COUNT: 1

PATENT INFORMATION:

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
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EP 452858	A2	19911023	EP 1991-105987	19910415
EP 452858	A3	19920415		
EP 452858	B1	19970716		
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE				
US 5183653	A	19930202	US 1990-508433	19900413
CA 2039218	A1	19911014	CA 1991-2039218	19910327
CA 2039218	C	19990330		
JP 05320182	A	19931203	JP 1991-79577	19910412
JP 2933740	B2	19990816		
AT 155474	T	19970815	AT 1991-105987	19910415
ES 2103755	T3	19971001	ES 1991-105987	19910415
PRIORITY APPLN. INFO.:			US 1990-508433	A 19900413

OTHER SOURCE(S): MARPAT 117:127837

AB The title complexes are provided for labeling proteins, hormones, monoclonal antibodies (MAbs), etc. and are useful e.g. in the diagnosis or treatment of cancer. Thus ^{99m}Tc (Cl)(di-Me glyoxime)₃ (3-isothiocyanato-5-carboxyphenyl)boron (preparation given) was used to label MAb B7213. The product conjugate was specifically localized in tumors when injected into tumor-bearing mice.

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COST IN U.S. DOLLARS

SINCE FILE	TOTAL
ENTRY	SESSION
43.19	43.40

FULL ESTIMATED COST

DISCOUNT AMOUNTS (FOR QUALIFYING ACCOUNTS)

SINCE FILE	TOTAL
ENTRY	SESSION
-4.68	-4.68

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STN INTERNATIONAL LOGOFF AT 09:56:56 ON 01 FEB 2007